



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/980,739	03/14/2002	Akihiko Wada	34102	8125
116	7590	06/07/2004	EXAMINER	
PEARNE & GORDON LLP 1801 EAST 9TH STREET SUITE 1200 CLEVELAND, OH 44114-3108			YANG, RYAN R.	
ART UNIT		PAPER NUMBER		9
2672		DATE MAILED: 06/07/2004		

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/980,739	WADA, AKIHIKO
Examiner	Art Unit	
Ryan R Yang	2672	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on 18 March 2004.
- 2a) This action is FINAL.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1-18 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-18 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 13) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
  - a) The translation of the foreign language provisional application has been received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_

**DETAILED ACTION**

1. This action is responsive to communications: Amendment, filed on 3/18/2004.

This action is final.

2. Claims 1-18 are pending in this application. Claims 1, 5, 9 and 14 are independent claims. In the Amendment, filed on 3/18/2004, claims 1 and 5 were amended and claims 9-18 were added.

This application is a 371 of PCT/JP01/01314 filed 2/22/2001.

3. The present title of the invention is "Image display method and portable terminal for displaying selected image" as filed originally.

***Claim Rejections - 35 USC § 102***

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claims 1, 3, 5, 7, 9-12 and 14-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Pairs (5,717,940).

As per claim 1, Pairs discloses an image display method for displaying description data having text information and image information described in a predetermined description format, said image display method comprising the steps of: extracting attribute values from the description data indicating attributes for specifying the image information (Figure 1 40 page processor; Figure 2 is a detailed

diagram of the page processor which segments and reduces regions and represents them with icons);

listing the extracted attribute values (Figure 5);

selecting at least one attribute value from among the listed attribute values (where one of the icon can be selected); and

reading and displaying the image information specified by the selected attribute value (Figure 1 50 Document Retrieval Unit displays selected image and display it through Presentation Engine 56).

6. As per claim 5, Peairs discloses a portable terminal comprising:

a display section for displaying description data having text information and image information described in a predetermined description format (Figure 2 100);

image selection and display means for extracting attribute values indicating attributes for specifying the image information from the description data (Figure 1 40 page processor; Figure 2 is a detailed diagram of the page processor which segments and reduces regions and represents them with icons),

listing the extracted attribute values (Figure 5),

selecting at least one attribute value from among the listed attribute values (where one of the icon can be selected),

reading the image information specified by the selected attribute value, and displaying the image information on the display section (Figure 1 50 Document Retrieval Unit displays selected image and display it through Presentation Engine 56).

7. As per claim 9, Peairs discloses a display method for displaying a representation of a document on a portable display, said document having one or more images, wherein the document is described in a data file using a predetermined description language, said display method comprising the steps of:

Extracting, from the data file, corresponding attribute values for each of the one or more images (Figure 1 40 page processor; Figure 2 is a detailed diagram of the page processor which segments and reduces regions of images and represents them with icons);

listing the corresponding attribute values on the display (Figure 5);

selecting at least one of the listed attribute values (where one of the icon can be selected); and

displaying, on the portable display, image information about the image corresponding to the selected attribute value (Figure 1 50 Document Retrieval Unit displays selected image and display it through Presentation Engine 56).

8. As per claim 14, Peairs discloses a method of displaying, on a portable display, a web page described by one or more data files, said web page having one or more images, said method comprising the steps of:

Extracting, from the one or more data file, corresponding attribute values for each of the one or more images (Figure 1 40 page processor; Figure 2 is a detailed diagram of the page processor which segments and reduces regions of images and represents them with icons);

listing the corresponding attribute values on the portable display (Figure 5);

allowing a user to select one of the listed attribute values (where one of the icon can be selected); and

displaying, on the portable display, image information about the image corresponding to the selected attribute value, wherein said image information includes a non-graphical representation of the image (Figure 1 50 Document Retrieval Unit displays selected image and display it through Presentation Engine 56; Figure 2 116 has text and graphical image).

9. As per claims 3 and 7, Peairs demonstrated all the elements as applied to the rejection of independent claims 1 and 5, *supra*, respectively, and further discloses said step of listing the extracted attribute values lists file names indicating locations of images inline displayed in the description data (Figure 1 44 key generator "These generated keys are stored in document index table 38 along with a pointer to the location of document index table 38 along with a pointer to the location of document 12 in document database 36", column 4, line 34-36).

10. As per claims 10 and 15, Peairs demonstrated all the elements as applied to the rejection of independent claims 9 and 14, respectively, and further discloses said image information includes a textual description of the image (Figure 2 116).

As per claims 11 and 17, Peairs demonstrated all the elements as applied to the rejection of independent claims 9 and 14, respectively, and further discloses said image information includes a graphical description of the image (Figure 2 116).

11. As per claims 12 and 16, Peairs demonstrated all the elements as applied to the rejection of independent claims 9 and 14, *supra*, respectively, and further discloses

said image information includes information about a file of the image (Figure 1 44 key generator "These generated keys are stored in document index table 38 along with a pointer to the location of document index table 38 along with a pointer to the location of document 12 in document database 36", column 4, line 34-36).

### ***Claim Rejections - 35 USC § 103***

12. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

13. Claims 2, 4, 6 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Peairs as applied to claim 1 above, and further in view of Tsukasa (6,456,738).

As per claims 2 and 6, Peairs demonstrated all the elements as applied to the rejection of independent claims 1 and 5, *supra*, respectively.

Peairs discloses a method of extracting and displaying an image. It is noted that Peairs does not explicitly disclose step of listing the extracted attribute values lists alternative character strings to images inline displayed in the description data, however, this is known in the art as taught by Tsukasa. Tsukasa discloses a method of extracting elements from document in which alternative character strings are listed (Figure 5 Element A, B and C).

Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teaching of Tsukasa into Peairs because Peairs

discloses a method of extracting and displaying image and Tsukasa discloses the extracted image can be listed in alternative strings in order to reduce error in extracting elements.

14. As per claims 4 and 8, Peairs demonstrated all the elements as applied to the rejection of independent claims 3 and 7, supra, respectively.

Peairs discloses a method of extracting and displaying an image. It is noted that Peairs does not explicitly disclose step of selecting a format of images inline displayed in the description data based on the attribute values and listing images in the selected file format, however, this is known in the art as taught by Tsukasa. Tsukasa discloses a method of extracting elements from document in which alternative character string formats are listed (Figure 5 Element A, B and C).

Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teaching of Tsukasa into Peairs because Peairs discloses a method of extracting and displaying image and Tsukasa discloses the extracted image can be listed in alternative strings in order to reduce error in extracting elements.

15. Claims 13 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Peairs as applied to claim 1 above, and further in view of Hahensee et al. (6,067,554).

As per claims 13 and 18, Peairs demonstrated all the elements as applied to the rejection of independent claims 9 and 14, supra, respectively.

Pairs discloses a method of extracting and displaying an image. It is noted that Pairs does not explicitly disclose said image includes an indication as to whether the image can be displayed, however, this is known in the art as taught by Hohensee et al., hereinafter Hohensee. Hohensee discloses a method of displaying print document in which a formatting parameter is used as "a display flag for indicating whether the selected page can be displayed" (column 3, line 46-49).

Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teaching of Hohensee into Pairs because Pairs discloses a method of extracting and displaying an image and Hohensee discloses an indication as to whether the image can be displayed in order to rapidly and efficiently display a image.

### ***Response to Arguments***

16. Applicant's arguments with respect to claims 1 and 5 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

17. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

18. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

Art Unit: 2672

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

*Inquiries*

19. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Ryan Yang** whose telephone number is **(703) 308-6133**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Michael Razavi**, can be reached at **(703) 305-4713**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

**(703) 872-9314 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Ryan Yang  
May 28, 2004



MICHAEL RAZAVI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600